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APPLICATION NO.	FILING DATE	ă.	FIRST NAME	D INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/691,668	10/24/2003		Masayuki Kamon		117611	6337	
TIŢLE OF INVENTION: MANIPULATOR	POSITIONING DATA C	ALCULATING	PROCEDURI	E, POSITIONING DATA C.	ALCULATING APPARAT	US AND ARTICULATED	
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EXAM	MINER	ART UN	NIT	CLASS-SUBCLASS			
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Authorized Signature Typed or printed name <u>Michael Britton</u> Date March 22, 2005

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